Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031699.D
Acq On : 29 May 2024 20:38
Operator : MA/JU
Sample : P2569-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 29 23:36:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BH697

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	396001	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	1774868	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	1153527	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	2415934	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	2076231	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	1934774	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	35840	3.744	ng/uL	0.00
4) Pyridine-d5	3.599	84	438355	16.268	ng/ul	0.00
7) Phenol-d5	6.852	99	789322	23.251	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	451191	22.722	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	622949	24.049	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	594198	21.472	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	306255	22.567	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	308309	21.993	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	611150	23.353	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	414004	10.655	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	1905035	23.706	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	2233136	24.167	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	289634	18.001	ng/ul	0.00
60) Fluorene-d10	15.316	176	1669139	24.548	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	196062	16.145	ng/ul	0.00
73) Anthracene-d10	17.169	188	2566898	24.817	ng/ul	0.00
81) Pyrene-d10	19.463	212	3123901	28.117	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264	2409701	26.083	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.045	152	200833	1.923	ng/ul	99
72) Phenanthrene	17.110	178	1215383	9.875	ng/ul	99
74) Anthracene	17.204	178	195819	1.570	ng/ul	98
77) Carbazole	17.475	167	119625	1.125	ng/ul	99
78) Di-n-butylphthalate	18.045	149	248511	1.699	ng/ul	99
80) Fluoranthene	19.128	202	2754658	20.746	ng/ul	99
82) Pyrene	19.492	202	2616226	19.204	ng/ul	99
83) Butylbenzylphthalate	20.404	149	215831	3.354	ng/ul	98
85) Benzo(a)anthracene	21.286	228	1298469	9.343	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.222	149	1219407	13.001	ng/ul	96
87) Chrysene	21.345	228	1565736m	12.062	ng/ul	
90) Benzo(b)fluoranthene	23.310	252	1844127	15.946	ng/ul	96
91) Benzo(k)fluoranthene	23.369	252	633831m	5.585	ng/ul	
93) Benzo(a)pyrene	24.098	252	1171234	10.813	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.527	276	746162m	5.978	ng/ul	
95) Dibenzo(a,h)anthracene	27.586	278	190855	1.873	ng/ul#	86
96) Benzo(g,h,i)perylene	28.556	276	707384	7.130	ng/ul	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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